

For more vehicle monitoring solutions, scan Now!



ICARVISIONS (SHENZHEN) TECHNOLOGY CO., LTD

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Intelligent Vehicle Surveillance Solutions

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About us

ICARVISIONS (SHENZHEN) TECHNOLOGY CO., LTD. is a global leader in Vehicle surveillance, Telematics & Video processing services. We are specializing in vehicle-related product development, manufacturing, and offering a wide range of Mobile Digital Video Recorders (MDVR) and Mobile Network Video Recorders (MDVR) solutions integrated with world-leading Ai technologies like ADAS, DSM, face recognition, and Big Data which empowers us to become the pioneer of the Telematics industry.

ICARVISIONS has been dedicated to this industry for more than 10years, and become a top mobile surveillance solution provider in China with a cutting edge team of more than 300 employees, 13 representative offices across China, and selling to over 137 countries worldwide. such as the Taxi project in UAE (>25,000 units), the logistic project in the UK (>40,000 units), Taxi project in Nanjing China (>12,000 units), Taxi project in Turkey (>11,000 units), heavy-duty trucks project in Guangdong (>35,000 units), coach project in Shandong (20,000 units), and other projects of automobile manufacturers like China FAW Group (>40,000 units), Shaanxi Automobile Group (>8,000 units) Zoomlion Heavy Industry (>5,000 units) China HGVs (>140,000 units), etc.

As a National High-tech Enterprise, our products are compliant with the highest standards like the China Ministry of Transport Standard, Ministry of Public Security GB-T19056, and carry certificates such as ISO9001, IATF16949-2016 Automotive Quality Standard, OHSAS18001 Occupational Health and Safety Management Systems, E-mark, ROHS, CE, FCC, US MIL-STD-810G for vibration & shock, EN50155, IP67, IK08, ISO14001, ISO45001, ISO45001, ISO7637-2 international electromagnetic compatibility vehicle standard, IEC60950 safety of information technology equipment standard, EN50155 Railways Applications Electronic Equipment Used on Rolling Stock, etc.

Taking rapid pace of product innovation and stable quality in our industry-defining Mobile DVR combining with HD real-time video, Telematics, Ai, and our fleet management platform software application, we are trying to build a better-connected telematics world.



Content















61~64P

Worldwide Solutions **Offices Across China**





UK Vehicle>40,000 units

Taxi>25,000 units

Guangdong

Truck>35,000 units

UAE

Brazil Vehicle>40.000 units

Ecuador Vehicle>10,000 units

Shandong Coach>20,000 units

South Africa Truck>25,000 units

Nanjing Taxi>12,000 units

China FAW Group Truck>40.000 units

Law enforcement>10,000 units

China HGVs Vehicles> 140,000 units

Vehicle>15,000 units

Turkey

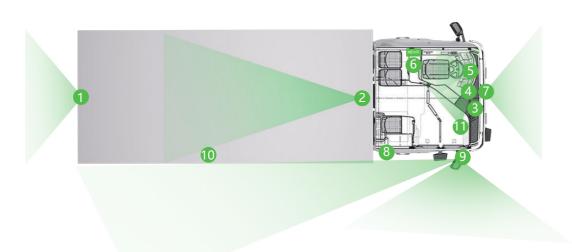
USA



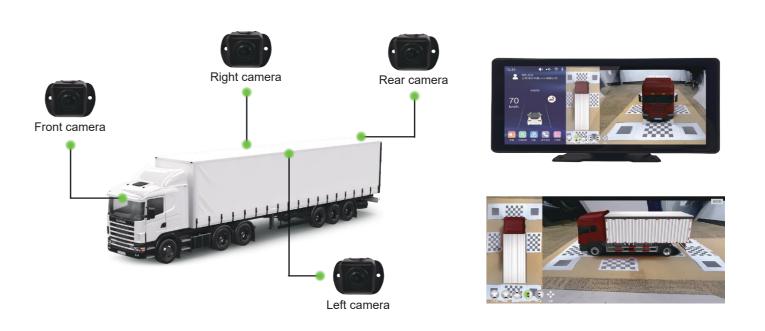
Blind Spot Detection (BSD)



• Temperature Sensor (Cold Chal) • Bitacle Venice Camera • Audite Flashing Aler • Audite Flashing Aler



Panoramic 360



Anti-Theft Dectection



* The UPS battery can support the BSD camera system continue to work after ACC-off.



* The audible flashing alert is triggered when people detected in the BSD area.



* The alert is sent to the Client software, and video clip and snap shots of the alert was recorded.



Dual lens design, total detection range >12 meters Easily installed to the side mirrors







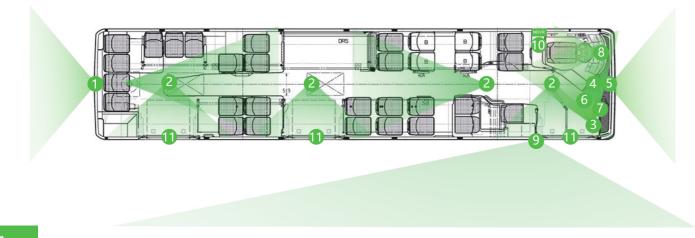




Blind Spot Detection (BSD)

Waterproof 150° An





Designed for accurately counting individuals entering



* To warn the driver if people is approaching or catching the bus, thereby to avoid hitting the people.

Panoramic 360







Safe Distance Warning

Forward Collision Warning





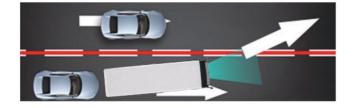
Software

Pedestrian Collision Warning

Advanced Driver Assistance System(ADAS)



Lane Departure Warning



Driver Status Monitor(DSM)







Yawning

Eyes Closing

Smoking





Making Phone Calls



Distraction

Fleet Realtime Streaming And Tracking 21 24
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Visualized Page Designed For Specific Vehicle Project















Panoramic 360





Bluetooth Phone





Voice Assistance



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Navigation

Android Apps

PC Client



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Web Client

Detailed Reporting And Alarm System

Intelligent	Vehicle	Monitoring System		O Vitic			Partom			11a Ann	2	
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			Company						Enterpro	ie.		
Driver Attendance	.*		Total ACIAS Autom						0			
ADAS Report			Total DSM Alarm						549			
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10

Fireproof & Waterproof Data box



Blind Spot Detection (BSD)



Ultrasonic Fuel Sensor



Real-time fuel volume monitoring. Fuel theft alarm by detecting fuel volume dropdown in a short time.



Connects to MDVR, withstand a fire burning at 1100°C for 15 minutes and water under 100 meters. Data could be recorded safely in the fire or flood for vehicle crashes.



Dual lens design, total detection range >12 meters Easily installed to the side mirrors





Container Recognition

Container Detection: Empty / Loaded



Container Detection: Seal/ Open



Blind Spot Detection (BSD) & Audible Flashing Alert





To warn the people that the vehicle is approaching thereby to keep away and avoid collision.





Container Position Detection: Flat / Lifted



Container Position Detection: Gravel / Muck







Dual lens design, total detection range >12 meters Easily installed to the side mirrors



Evidence Recorded















-0





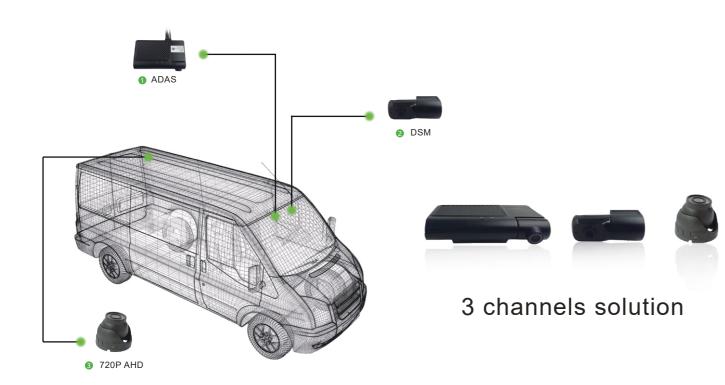








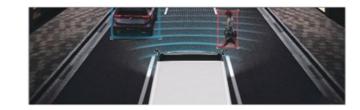
2 channels solution



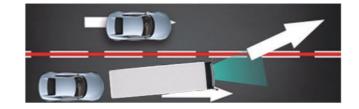


Advanced Driver Assistance System (ADAS)

Pedestrian Collision Warning



Lane Departure Warning



Driver Status Monitor(DSM)





Yawning

Eyes Closing

Smoking

Safe Distance Warning



Forward Collision Warning







Making Phone Calls



Distraction

Intelligent Android Tablet









Ship 1 11 1 111 111 11 1 2 Cabin Camera Out-door Camera Intelligent Android Tablet 6 Cabin Camera 4 Fireproof & Waterproof Data Box

Connects to MDVR, withstand a fire burning at 1100°C for 15 minutes and water under 100 meters.

Data could be recorded safely in the fire or flood for vehicle crashes.









* 360 view to help the driver to avoid hitting people or objects.



* To warn the people that the vehicle is approaching thereby to keep away and avoid collision.

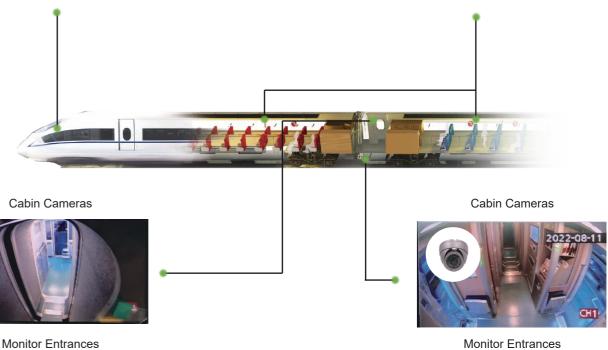


Train Surveillance Solution

Driver Cab Cameras



Monitor the Train Control





Monitor Entrances

Fireproof & Waterproof Data Box



Cabin Cameras



Monitor The Car Interior

Waterproof

Connects to MDVR, withstand a fire burning at 1100°C for 15 minutes and water under 100 meters. Data could be recorded safely in the fire or flood for vehicle crashes.

JHOAN

Support H.265 / H.264 SSD Ai Moblie DVR, 4+1 CH 1080P Waterproof IP67, Hand-sized

Waterproof & Dustproof IP67, Hand-size Dimension 38 * 146 *155 mm Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC Support SSD and SD card (up to 512 GB) storage Support AI function ADAS / DSM / BSD optional On board UPS 8 seconds delay power-off for data protection

Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes), to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering. 8V~36V wide voltage power supply



specificat					
System	Language Operation Interface Password Security	English / Chinese Graphical User Interface (O 2 Levels: Administrator & Us			
Al Algorithm	DSM (Optional)	Yawning Detection Smoking Detection Distraction Detection Camera Blocked Detection	Eyes Closing Detection Making Phone Calls Deter Driver Absence Detection Eyes Blocked Detection	tion	
, a , agona an	ADAS (Optional)	Lane Departure Warning Froward Collision Warning	Safe Distance Warning Pedestrian Collision War	ning	
	BSD (Optional)	Support Blind Spot Detectio	n Cameras (2 channels)		
Video	Video Input	B:Supports 4 channels 720F C:Supports 4 channels 1080 D:Supports 2-CH 720P AHD E:Supports 1-CH 720P/1080		Video input DH/D1/CIF Video input	
	Video Output Video Display Signal System Image Compression	1 Channels (Rear Panel or Single picture, 1~5 pictures PAL / NTSC (PAL@100 frau H.265/H.264 Main profile	n RJ45&AV-OUT Port) me 1080P / sec; NTSC@120	frame 1080P /sec)	
Audio	Audio Input Audio Output Record Format	4 Channels 1 Channel Synchronized A/V recording			
	Image Resolution	CIF / HD1 / D1 / 960H / 720	P / 1080P optional		
	Video Coding	ISO14496-10 Industry Stand	lard		
Recording & Storage	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kb 960H: 2048Kbps ~ 400Kbps 720P/1080P:4096Kbps ~ 40 Select from 8 Levels of Vide	, ,	1(Highest) to 8(Lowest)	
	Audio Bit Rate	40Kbps			
	Storage	1 SSD and 1 SD card (at 3	G/4G/WIFI model option)		
Alarm	Alarm Input Alarm Output	4 Channels, Select Trigger for 2 Channel, 12V output	or either less than 1VDC or g	reater than 5VDC	
Communication Ports	RS485 RS232 Speed RJ45 Network USB		data usage	IP camera with maximum of 1080P ware	
Wireless Communication	3G/4G* Wi-Fi*	Supported Internal 802.11b/g/n/ac optic	onal		
GPS	Int'l Standard GPS	Internal GPS module. Real-t	ime geographic coordinates,	speed information	
G-Sensor + Gyroscope	Internal G-Sensor +Gyroscope	Support an integrated 3 axis breaking, acceleration and c		nd 3 axis gyroscope, to detect crash, ha	rsh
Software	PC Playback IVMS			for playback on PC. Limited playback is monitoring, GPS, alarms, etc.	also available on MDVR
Software Upgrade	Local or Remotely	Upgrade through the USB2.	0 or remotely via IVMS platfo	rm	
Voltage Input	+8~+36V		erational voltage of vehicle prior	to the installation of the MDVR and its acces	ssories to prevent possible damage
Voltage Output	12V ≤4V	12V (+/-0.2V) , Max 3A Power-off			
ACC Detection	≥6V	Power-on			
Video Input Resistance Video Output Voltage	75Ω 2Vp-p	75Ω 2\/P_P C\/BS output analog	signal, screen input requires	750 resistance	
I / O Port	<1V	Low voltage trigger	signal, screen input requires	7512 TESISTATICE	
Operational Temperature	>5V -25°C ~ 80°C	High voltage trigger Install in well ventilated area	protected from moisture he	at, dust and vibration. Confined by SSD	temperature also.
Weatherproof/Water Proof	IP67		, ,		
Dimensions	146*155*38mm				
Order Model	JH0-GNN		JH0-GNW	JH0-GFN	JH0-GFW
Description	GPS		GPS Wi-Fi 5.8G	GPS 4G	GPS 4G

*Images and specs may vary from products, please contact our sales for updated information.





JH16 16 channels 720P Mobile DVR,

Dual Hard Disk, IP67

- 16 x 720P AHD Video input, support 960P AHD camera
- Waterproof & Dustproof IP67
- 2 HDD / SSD slots, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
- Internal G-sensor, GPS, 4G, Wi-Fi 5.8G
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- Operating temperature 40°C ~ + 80°C
- 24V-36V wide voltage power supply

Specification

•		
	Language	English / Chinese
System	Operation Interface	Graphical User Interface
	Password Security	2 Levels: Administrator
	Video Input	Supports 16 channels 7 Supports 16 channels C Supports 8-CH 720P AH
Video	Video Output	2 Channels (Front Pane
	Video Display Signal System Image Compression	Single picture, 1~16 pict PAL / NTSC (PAL@400 H.264 Main profile
	Audio Input	16 Channels
Audio	Audio Output	2 Channels (Front Pane
	Record Format	Synchronized A/V record
	Image Resolution	CIF / HD1 / D1 / 960H /
	Video Coding	ISO14496-10 Industry S
Recording & Storage	Video Bit Rate	CIF: 1536Kbps ~ 128Kb HD1/D1: 2048Kbps ~ 40 960H: 2048Kbps ~ 400k 720P:4096Kbps ~ 400K Select from 8 Levels of
	Audio Bit Rate	40Kbps
	Storage	Up to 2*2TB HDD/SSD a
Alarm	Alarm Input	8 Channels, Select Trigg
	Alarm Output	2 Channel, 12V output
	RS485	1 Port for PTZ control or
Communication Ports	RS232	2 Port for communicatio
	CAN RJ45 Network	1 Port,CAN-H and CAN- 1 Port of RJ45, For conr
	USB	2 ports. The front one is
	3G	the rear panel one is US 3G (HSUPA / HSDPA / V
Wireless Communication	4G	4G (TDD-LTE / FDD-LTE
Wireless Communication	Wi-Fi	Internal Wi-Fi 802.11b/g
GPS	Int'l Standard GPS	Internal GPS module. R
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion
Software	PC Playback	A/V, GPS, Mapview, Spee
	IVMS	Wireless (require Wi-Fi
Software Upgrade	Local or Remotely	Upgrade through the fro
Voltage Input	+24V~+36V	24~36VDC Please chec prevent possible damage
Voltage Output	12V	12V(+/-0.2V),Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output and
L/O Dert	<1V	Low voltage trigger
I/O Port	>5V	High voltage trigger
Operational Temperature	-40 °C ~ 80 °C	Install in well ventilated a
Dimensions	203x208x93.5mm	





Order Model	JH16-NNN	JH16-GNN
Description	N/A	GPS

*Images and specs may vary from products, please contact our sales for updated information.

e (OSD menu) & User 720P AHD camera Video input CIF/HD1/D1/960H camera Video input HD + 8-CH CIF/HD1/D1/960H analog mixing Video input el 3.5mm Jack, Rear Panel on 9pin AV-OUT Port) ctures 00 frame 720P/sec; NTSC@480 frame 720P/sec) el 3.5mm Jack, Rear Panel on 9pin AV-OUT Port) ording / 720P optional Standard Kbps, 400Kbps,)Kbps Kbps f Video Image Quality ranging from 1(Highest) to 8(Lowest) and 1 SD card for backup (at 3G/4G/WIFI model option) gger for either less than 1VDC or greater than 5VDC or Data Device usage ion or data usage N-L nnection to LAN or testing etc is USB 3.0 to download video files & upgrade firmware; JSB 2.0 to connect with external device. WCDMA / EVDO / TD-SCDMA) optional Internal module TE) optional module to match local cellular carrier /g/n (2.4 / 5.8 Ghz) optional Real-time geographic coordinates, speed information Detection with user set ranges, for X, Y and Z coordinates ed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR i or cellular Option) real-time A/V monitoring, GPS, alarms, etc. ront USB3.0 or remotely via IVMS platform eck operational voltage of vehicle prior to the installation of the MDVR and its accessories to nalog signal, screen input requires 75Ω resistance d area, protected from moisture, heat, dust and vibration

JH16-8HD

8 channels 1080P Mobile DVR, Dual Hard Disk, IP67

Waterproof & Dustproof IP67

- 2 HDD / SSD slots, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
- Internal G-sensor, GPS, 4G, Wi-Fi 5.8G
- Anti-Shock and Anti-Vibration MIL-STD-810G certified
- Hard drive auto-heating startup in freezing weather
- Opeating temperature $40^{\circ}C \sim + 80^{\circ}C$
 - 24V~36V wide voltage power supply

Specification

	Language	English / Chinese
System	Operation Interface	Graphical User Interfa
	Password Security	2 Levels: Administrato
Video	Video Input	Supports 8 channels Supports 8 channels Supports 8 channels Supports 4-CH 1080F Supports 4-CH 1080F Supports 4-CH 720P
	Video Output	2 Channels (Front Pa
	Video Display Signal System	Single picture, 1~8 pic PAL / NTSC (PAL@2
	Image Compression	H.264 Main profile
	Audio Input	8 Channels
Audio	Audio Output	2 Channels (Front Pa
	Record Format	Synchronized A/V rec
	Image Resolution	CIF / HD1 / D1 / 960H
	Video Coding	ISO14496-10 Industry
Recording & Storage	Video Bit Rate	CIF: 1536Kbps ~ 128 HD1/D1: 2048Kbps ~ 40 960H: 2048Kbps ~ 40 720P:4096Kbps ~ 40 1080P:4096Kbps ~ 40 Select from 8 Levels of
	Audio Bit Rate	40Kbps
	Storage	Up to 2*2TB HDD/SS
Alarm	Alarm Input	8 Channels, Select Tr
Aidim	Alarm Output	2 Channel, 12V outpu
	RS485	1 Port for PTZ control
	RS232	2 Port for communication
Communication Ports	CAN	1 Port,CAN-H and CA
	RJ45 Network	1 Port of RJ45, For co
	USB	2 ports. The front one the rear panel one is
	3G	3G (HSUPA / HSDPA
Wireless Communication	4G	4G (TDD-LTE / FDD-L
	Wi-Fi	Internal Wi-Fi 802.11b
GPS	Int'l Standard GPS	Internal GPS module.
G-Sensor	Internal G-Sensor	Supports 3 Axis Motio
Softwara	PC Playback	A/V, GPS, Mapview, Spe
Software	IVMS	Wireless (require Wi-Fi
Software Upgrade	Local or Remotely	Upgrade through the t
Voltage Input	+24V~+36V	24~36VDC Please cl
		prevent possible damag
Voltage Output	12V ≤4V	12V(+/-0.2V),Max 3A Power-off
ACC Detection	≤4∨ ≥6V	_
Video Innut Desistent		Power-on
Video Input Resistance	75Ω 2\/p.p.	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output a
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-40°C~80°C	Install in well ventilate
Dimensions	203x208x93.5mm	
		JH16-8H
1027		



*Images and specs may vary from products, please contact our sales for updated information.

face (OSD menu) tor & User 1080P AHD camera Video input 720P AHD camera Video input © CIF/HD1/D1/960H camera Video input © CIF/HD1/D1/960H camera Video input OP AHD + 4-CH 720P AHD analog mixing Video input OP AHD + 4-CH CIF/HD1/D1/960H analog mixing Video input anel 3.5mm Jack, Rear Panel on 9pin AV-OUT Port) oictures 200 frame 1080P/sec; NTSC@240 frame 1080P/sec) anel 3.5mm Jack, Rear Panel on 9pin AV-OUT Port) cording H / 720P/1080P optional ry Standard 8Kbps, ~ 400Kbps, 00Kbps 00Kbps 00Kbps of Video Image Quality ranging from 1(Highest) to 8(Lowest) SD and 1 SD card for backup (at 3G/4G/WIFI model option) Trigger for either less than 1VDC or greater than 5VDC ol or Data Device usage ation or data usage AN-L connection to LAN or testing etc e is USB 3.0 to download video files & upgrade firmware; s USB 2.0 to connect with external device. A / WCDMA / EVDO / TD-SCDMA) optional Internal module -LTE) optional module to match local cellular carrier b/g/n (2.4 / 5.8 Ghz) optional . Real-time geographic coordinates, speed information ion Detection with user set ranges, for X, Y and Z coordinates peed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc. e front USB3.0 or remotely via IVMS platform check operational voltage of vehicle prior to the installation of the MDVR and its accessories to analog signal, screen input requires 75Ω resistance ted area, protected from moisture, heat, dust and vibration



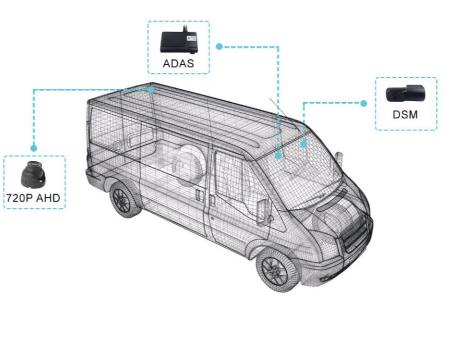
AI DASH CAM

130°

100°

up to 3 - 4 channels support ADAS, DSM, Face Recognition optional







H.265 DASH CAM Support 3 channels AHD (1x 1080P + 2x720P) Support 4 channels (1x 1080P AHD + 2x720P AHD + 1x 1080P IPC) Dual TF cards video storage, up to 256 GB each ADAS & DSM & Face recognition(optional) With 6 axis Gyroscope (G-Sensor) Emergency alarm button



3 channels solution







JH4AN-HD

Support H.265 / H.264 HDD Ai Moblie DVR, 4+1 CH 1080P

Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC
Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option)
Support AI function ADAS / DSM / BSD optional
Anti-Shock and Anti-Vibration MIL-STD-810G certified
Hard drive auto-heating startup in freezing weather
Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes), to detect and trigger
the alarm of rapid acceleration, harsh braking, crash and sharp cornering.
Operating temperature -40°C ~ +80°C

- On board UPS 8 seconds delay power-off for data protection
- 8V~36V wide voltage power supply



Specification

System	Language Operation Interface Password Security	English / Chine Graphical User 2 Levels: Admi
	DSM (JA-MC921)	Yawning Detec Making Phone Camera Blocke
AI Algorithm	ADAS (JA-MC920)	Lane Departur Froward Collisi
	BSD (Optional)	Support Blind
	Video Input	Option1: Supp AHD / 720P A Option2: 4 cha (720P /1080P)
Video	Video Output	3 Channels (Fr
	Video Display	Single picture,
	Signal System	PAL / NTSC (F
	Image Compression	H.265 /H.264 M
Andia	Audio Input	4 Channels
Audio	Audio Output Record Format	2 Channels (Fr Synchronized /
	Image Resolution	CIF / HD1 / D1
Recording & Storage	Video Bit Rate	CIF: 1536Kbps 960H: 2048Kb Select from 8 L
	Audio Bit Rate	40Kbps
	Storage	Up to 4TB HDI
Alarm	Alarm Input Alarm Output	8 Channels, Se 1 Channel, 12
	RS485 RS232	1 Port for PTZ 2 Ports for com
	RJ45 Network	1 Port of RJ45
Communication Ports	Speed	1 Channel (O
	CAN	1 Channel (O
	USB	2 ports. The fro in a mouse for
Wireless Communication*	3G/4G* Wi-Fi*	Supported Internal Wi-Fi 8
GPS*	Internal Standard GPS*	Internal GPS n
G-Sensor + Gyroscope	Internal G-Sensor + Gyroscope	Support an inte crash, harsh bi
Software	PC Playback	A/V, GPS, Map Limited playba
	IVMS	Wireless (requ
Software Upgrade	Local or Remotely	Upgrade throug
Voltage Input	+8~+36V	8~36VDC P the MDVR and
Voltage Output	12V	12V (+/-0.2V)
ACC Detection	≤4V ≥6V	Power-off Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS of
I / O Port	<1V >5V	Low voltage tri High voltage tr
Operational Temperature	-40 °C ~ 80 °C	Install in well v
Dimensions	192x184x61mm	Including Secu

JH4AN-HD



Order Model	JH4AN-HD-GNN	JH4AN-HD-GNW	JH4AN-HD-GFN	JH4AN-HD-GFW
Description	GPS	GPS Wi-Fi 5.8G	GPS 4G	GPS 4G Wi-Fi 5.8G

*Images and specs may vary from products, please contact our sales for updated information.

ese er Interface (OSD menu) ninistrator & User ection, Eyes Closing Detection, Smoking Detection e Calls Detection, Distraction Detection, Driver Absence Detection ked Detection, Eyes Blocked Detection re Warning , Safe Distance Warning sion Warning , Pedestrian Collision Warning Spot Detection Cameras (2 channels) port 2 channels 1080P AHD (DSM & ADAS) + 2 channels 1080P AHD / 960P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input annels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC P) Video input Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port & VGA 1080P) 1~5 pictures PAL@100 frame 1080P/sec; NTSC@120 frame 1080P/sec) Main profile Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port) A/V recording 01 / 960H / 720P /1080P optional os ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, bps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Levels of Video Image Quality ranging from 1 (Highest) to 8 (Lowest) D/SSD and 1 SD card for backup (at 3G/4G/WIFI model option) Select Trigger for either less than 1VDC or greater than 5VDC V output control or Data Device usage mmunication or Data usage 5(100M Ethernet port), For connection to an IP camera with maximum of 1080P Optional, shared with the port IO /IN 8) Optional, shared with the port IO /IN 6/7) ront one is USB 2.0 to download video files & upgrade firmware; and plug r setup The rear panelone is USB 2.0 for optional. 802.11 b/g/n/ac optional module. Real-time geographic coordinates, speed information egrated 3 axis accelerometer (G-Sensor) and 3 axis gyroscope, to detect preaking, acceleration and cornering pview, Speed, G-Sensor, etc. files available for playback on PC. ack is also available on MDVR uire Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc. ugh the front USB2.0 or remotely via IVMS platform Please check operational voltage of vehicle prior to the installation of d its accessories to prevent possible damage , Max 3A output analog signal, screen input requires 75Ω resistance rigger rigger ventilated area, protected from moisture, heat, dust and vibration urity Cover 248x184x61mm JH4AN-HD

JH8AN-HD

Support H.265 / H.264 HDD Ai Moblie DVR, 8+1 CH 1080P

Up to 9 channels A/V recording, 8 x 1080P AHD + 1 x 1080P IPC Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option) Support AI function ADAS / DSM / BSD optional Anti-Shock and Anti-Vibration MIL-STD-810G certified Hard drive auto-heating startup in freezing weather Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes), to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering. Operating temperature - 40°C ~ + 80°C On board UPS 8 seconds delay power-off for data pro 8V~36V wide voltage power supply



Specification

System	Language Operation Interface Password Security	English / Chir Graphical Use 2 Levels: Adn
	DSM (JA-MC921)	Yawning Dete Making Phon Camera Bloc
AI Algorithm	ADAS (JA-MC920)	Lane Departu Froward Colli
0	BSD (Optional)	Support Blind
	Video Input	Option1: Sup AHD / 720P / Option2: 8 ch (720P /1080I Note: (8x1 (8x1
Video	Video Output	3 Channels (I
	Video Display	Single picture
	Signal System	PAL / NTSC (
	Image Compression	H.265 /H.264
	Audio Input	8 Channels
Audio	Audio Output	2 Channels (I
	Record Format	Synchronized
	Image Resolution	CIF / HD1 / D
Recording & Storage	Video Bit Rate	CIF: 1536Kbp 960H: 2048K Select from 8
	Audio Bit Rate	40Kbps
	Storage	Up to 4TB HD
Alarm	Alarm Input Alarm Output	8 Channels, 8 1 Channel, 12
	RS485	1 Port for PT
	RS232	2 Ports for co
Communication Ports	RJ45 Network	1 Port of RJ4
	Speed	1 Channel (C
	CAN	1 Channel (C
	USB	2 ports. The f in a mouse fo
Wireless Communication*	3G/4G*	Supported
0.00*	Wi-Fi*	Internal Wi-Fi
GPS*	Internal Standard GPS*	Internal GPS
G-Sensor + Gyroscope	Internal G-Sensor + Gyroscope	Support an in crash, harsh
Software	PC Playback	A/V, GPS, Ma Limited playb
Coffeena I la sua da	IVMS	Wireless (req
Software Upgrade	Local or Remotely	Upgrade thro 8~36VDC
Voltage Input	+8~+36V	the MDVR an
Voltage Output	12V	12V (+/-0.2V
ACC Detection	≤4V ≥6V	Power-off Power-on
Video Input Resistance	26V 75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS
	<1V	Low voltage t
I / O Port	>5V	High voltage
Operational Temperature	-40 °C ~ 80 °C	Install in well
Dimensions	192x184x61mm	Including Sec

JH8AN-HD



Order Model	JH8AN-HD-GNN	JH8AN-HD-GNW	JH8AN-HD-GFN	JH8AN-HD-GFW
Description	GPS	GPS Wi-Fi 5.8G	GPS 4G	GPS 4G Wi-Fi 5.8G

*Images and specs may vary from products, please contact our sales for updated information.

nese ser Interface (OSD menu) ministrator & User tection , Eyes Closing Detection , Smoking Detection ne Calls Detection , Distraction Detection , Driver Absence Detection cked Detection ,Eyes Blocked Detection ure Warning , Safe Distance Warning lision Warning , Pedestrian Collision Warning d Spot Detection Cameras (2 channels) oport 2 channels 1080P AHD (DSM & ADAS) + 6 channels 1080P AHD / 960P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input hannels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC P) Video input 15 fps) 8-CH 1080P AHD + 1-CH 720P/1080P IPC Video input 15 fps) 8-CH 1080P AHD camera Video input (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port & VGA 1080P) re. 1~9 pictures (PAL@120 frame 1080P/sec; NTSC@120 frame 1080P/sec) 4 Main profile (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port) ed A/V recording D1 / 960H / 720P /1080P optional ops ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps 8 Levels of Video Image Quality ranging from 1 (Highest) to 8 (Lowest) DD/SSD and 1 SD card for backup (at 3G/4G/WIFI model option) Select Trigger for either less than 1VDC or greater than 5VDC 2V output TZ control or Data Device usage communication or Data usage 45(100M Ethernet port), For connection to an IP camera with maximum of 1080P Optional, shared with the port IO /IN 8) Optional, shared with the port IO /IN 6/7) front one is USB 2.0 to download video files & upgrade firmware; and plug or setup The rear panelne is USB 2.0 for optional. i 802.11 b/g/n/ac optional module. Real-time geographic coordinates, speed information ntegrated 3 axis accelerometer (G-Sensor) and 3 axis gyroscope, to detect breaking, acceleration and cornering. apview, Speed, G-Sensor, etc. files available for playback on PC. back is also available on MDVR quire Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc. ough the front USB3.0 or remotely via IVMS platform Please check operational voltage of vehicle prior to the installation of nd its accessories to prevent possible damage V), Max 3A S output analog signal, screen input requires 75Ω resistance trigger trigger ventilated area, protected from moisture, heat, dust and vibration curity Cover 248x184x61mm JH8AN-HD



JH4-HYBRID

4 + 4 CH Hard Disk Mobile NVR

4 x IPC (1080P / 720P) + 4 x 720P AHD / 960H / D1 / HD1 / CIF Built-in Switch 4 x POE (12V) Ethernet Ports HDMI Video Output Port Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup (at 4G / Wi-Fi model option) Internal G-sensor, GPS, 4G, Wi-Fi 5.8G Anti-Shock and Anti-Vibration MIL-STD-810G certified Hard drive auto-heating startup in freezing weather Operating temperature -40°C ~ +80°C On board UPS 8 seconds delay power-off for data protection

8V~36V wide voltage power supply







Specification

Order Model	JH4-HYBRID-NNN	JH4-HYBRID-GNN
Dimensions	192x184x61mm	Including Security Cover 248x184>
Operation Temperature		Install in well ventilated area, prote
Operation Temperature	>5V -40℃~80℃	High voltage trigger
I / O port	<1V	Low voltage trigger
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal,
Video Input Resistance	75Ω	
Video Input Pasisterer	≥6V	Power On 75.0
ACC Detection	≪4V	Power Off
Voltage Output	12V	12V (+/-0.2V) , Max 3A
Voltage Input	+8~+36V	8~36VDC Please check operational
Software Upgrade	Local or Remotely	Upgrade through the front USB2.0
Cofficient University	IVMS	Wireless (require Wi-Fi or cellular (
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sens
GPS G-Sensor	Int'l Standard GPS Internal G-Sensor	Internal GPS module. Real-time geo Supports 3 Axis Motion Detection
CDS	Wi-Fi	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8
WII CIESS COMINUMEDIUM	4G	4G (TDD-LTE / FDD-LTE) optional m
Wireless Communication	3G	3G (HSUPA / HSDPA / WCDMA / EV
		2 Ports of USB 2.0, the front is used
	USB	
Communication Ports	RS232 RJ45 Network	2 Port for communication or data us 4 Ports of RJ45. For connection to a
	RS485	1 Port for PTZ control or Data Devic
	Alarm Output	1 Channel, 12V output
Alarm	Alarm Input	8 Channels, Select Trigger for eith
	Storage	Up to 2TB HDD/SSD and 1 SD card
	Audio Bit Rate	40Kbps
Neuri ding & Storage	Audio Rit Doto	Select from 8 Levels of Video Imag
Recording & Storage	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P/1080P:4096Kbps ~ 400Kbps
	Video Coding	ISO14496-10 Industry Standard
	Image Resolution	CIF / HD1 / D1 / 960H / 720P /108
	Record Format	Synchronized A/V recording
Audio	Audio Output	2 Channels (Front Panel 3 5mm Jac
	Audio Input	4 Channels
	Image Compression	H.264 Main profile
	Signal System	PAL / NTSC (PAL@200 frame 108
	Video Display	Single picture, 1~8 pictures
Video	Video Input Video Output	Supports 4 channels CIF/HD1/D1/9 Supports 4 channels 1080P/720P I Supports 4-CH 1080P/720P IPC + 4 1 each HDMI (max. 1080P), 2 CVBS
		Supports 4 channels 1080P AHD ca
-)	Password Security	2 Levels: Administrator & User
System	Operation Interface	Graphical User Interface (OSD men
	Language	English / Chinese

*Images and specs may vary from products, please contact our sales for updated information.

GPS



amera Video input /960H/720P AHD camera Video input IP camera Video input 4-CH 720P AHD/960H/D1/CIF Video input 3S (Analog); 1 each 3.5mm Jack on Front Panel and one connection on the 24 pin I/O port 080P/sec; NTSC@240 frame 1080P/sec) lack 1 in the 24pin connector) 080P options age Quality ranging from 1(Highest) to 8(Lowest) rd for backup (at 3G/4G/WIFI model option) her less than 1VDC or greater than 5VDC ice usage sage an IP camera with maximum of 1080P d to export record file. The rear panel is used to mirro VDO / TD-SCDMA) optional Internal module module to match local cellular carrier 5.8 Ghz) optional eographic coordinates, speed information with user set ranges, for X, Y and Z coordinates nsor, etc. files available for playback on PC. Limited playback is also available on MDVR Option) real-time A/V monitoring, GPS, alarms, etc. or remotely via IVMS platform voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage screen input requires 75 Ω resistance ected from moisture, heat, dust and vibration x61mm

JH4-HYBRID-GNW	JH4-HYBRID-GFN	JH4-HYBRID-GFW
GPS Wi-Fi 5.8G	GPS 4G	GPS 4G Wi-Fi 5.8G

JH8-HYBRID JH8-NVR

8 Channels IPC Hard Disk Mobile NVR

8 x 1080P IP camera Video input VGA Video Output (JH8 - NVR) HDMI Video Output (JH8 - HYBRID) Accept HDD / SSD storage, and 1 SD card (up to 512GB) for backup(at 4G / Wi-Fi model option) Internal G-sensor, GPS, 4G, Wi-Fi 5.8G Anti-Shock and Anti-Vibration MIL-STD-810G certified Hard drive auto-heating startup in freezing weather On board UPS 8 seconds delay power-off for data protection Operating temperature -40°C ~ +80°C 8V~36V wide voltage power supply

Specification

	Language	English / Chinese
System	Operation Interface	Graphical User Interface (OSD r
	Password Security	2 Levels: Administrator or User
	Video Input	Supports 8 channels 1080P IP c
	Video Output	3 Channels (Front Panel 3.5mm
Video	Video Display	Single picture, 8 pictures
	Signal System	PAL / NTSC (PAL@200 frame
	Image Compression	H.264 Main profile
	Audio Input	8 Channels
Audio	Audio Output	2 Channels (Front Panel 3.5mm
	Record Format	Synchronized A/V recording
	Image Resolution	CIF / HD1 / D1 / 960H / 720P /
	Video Coding	ISO14496-10 Industry Standard
Recording & Storage	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Select from 8 Levels of Video Ir
	Audio Bit Rate	40Kbps
	Storage	Up to 2TB HDD/SSD and 1 SD o
Alarm	Alarm Input	8 Channels, Select Trigger for e
/ italiii	Alarm Output RS485	1 Channel, 12V output 1 Port for PTZ control or Data (
	RS232	2 Port for communication or dat
Communication Ports	RJ45 Network	4 Ports of RJ45, For connection
	USB	1 Ports of USB 2.0, is used to e used to mirrorJH8-HYBRID)
	3G	3G (HSUPA / HSDPA / WCDMA
Wireless Communication	4G	4G (TDD-LTE / FDD-LTE) optio
Wireless Communication	Wi-Fi	Internal Wi-Fi 802.11b/g/n (2.4
GPS	Int'l Standard GPS	Internal GPS module. Real-time
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detecti
Software	PC Playback	A/V, GPS, Mapview, Speed, G-S
Sontware	IVMS	Wireless (require Wi-Fi or cellul
Software Upgrade	Local or Remotely	Upgrade through the front USB2
Voltage Input	+8~+36V	8~36VDC Please check operation
Voltage Output	12V	12V (+/-0.2V) , Max 3A
ACC Detection	≪4V	Power Off
100 0000000	≥6V	Power On
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog sigr
	<1V	Low voltage trigger
I / O port	>5V	High voltage trigger
Operation Temperature	-40 °C ∼80 °C	Install in well ventilated area, pr
Dimensions	192x184x61mm	Including Security Cover 248x1

Order Model	JH8-NVR-NNN	JH8-NVR-GNN	JH8-NVR-GNW	JH8-NVR-GFN	JH8-NVR-GFW
Description	N/A	GPS	GPS Wi-Fi 5.8G	GPS 4G	GPS 4G Wi-Fi 5.8G

JH8-HYBRID



Order Model	JH4-HYBRID-NNN	JH8-HYBRID-GNN	JH8-HYBRID-GNW	JH8-HYBRID-GFN	JH8-HYBRID-GFW
Description	N/A	GPS	GPS Wi-Fi 5.8G	GPS 4G	GPS 4G Wi-Fi 5.8G

*Images and specs may vary from products, please contact our sales for updated information.

menu)
r
camera Video input
n Jack, Rear Panel on 24pin I/O Port & VGA 1024P or HDMI 1080P)
1080P/sec; NTSC@240 frame 1080P/sec)
n Jack, 1 in the 24pin connector)
/ 1080P optional
d
,
Image Quality ranging from 1(Highest) to 8(Lowest)
card for backup (at 3G/4G/WIFI model option)
either less than 1VDC or greater than 5VDC
Device usage
ata usage
n to an IP camera with maximum of 1080P(JH8-BYBRID)
export record file (2 Ports of USB 2.0, the front is used to export record file. The rear panel is
A / EVDO / TD-SCDMA) optional Internal module
onal module to match local cellular carrier
4 / 5.8 Ghz) optional
e geographic coordinates, speed information
tion with user set ranges, for X, Y and Z coordinates
Sensor, etc. files available for playback on PC. Limited playback is also available on MNVR
Ilar Option)real-time A/V monitoring, GPS, alarms, etc.
32.0 or remotely via IVMS platform
onal voltage of vehicle prior to the installation of the MNVR and its accessories to prevent possible damage
nal, screen input requires 75Ω resistance

protected from moisture, heat, dust and vibration

184x61mm



JS2AN-HD

Support H.265 / H.264 Dual SD Cards 4+1 CH 1080P Ai Moblie DVR

- Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC
 - Accept 2 SD cards storage, up to 512GB each
 - Support AI function ADAS / DSM / BSD optional
- Support CAN Bus (customized for integration)
 - On board UPS 8 seconds delay power-off for data protection
 - 8V~36V wide voltage power supply

Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes) to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering.



Specification

1		
System	Language Operation Interface Password Security	English / Chir Graphical Us 2 Levels: Adr
	DSM (Optional)	Yawning Dete Making Phon Camera Bloc
AI Algorithm	ADAS (Optional)	Lane Departu Froward Colli
	BSD (Optional)	Blind Spot De
Video	Video Input	Option1: Sup AHD / 720P Option2: 4 ch (720P /1080
VIDEO	Video Output Video Display Signal System Image Compression	2 Channels (Single picture PAL / NTSC (H.265 /H.264
Audio	Audio Input Audio Output Record Format	4 Channels 2 Channels (Synchronized
	Image Resolution Video Coding	CIF / HD1 / D ISO14496-10
Recording & Storage	Video Bit Rate	CIF: 1536Kbj 960H: 2048K Select from 8
	Audio Bit Rate Storage	40Kbps 2 SD Card SI
Alarm	Alarm Input Alarm Output	8 Channels, 3 1 Channel, 12
Communication Ports	RS485 RS232 RJ45 Network Speed CAN	1 Port for PT 2 Ports for cc 1 Port of RJ4 1 Channel (0 1 Channel (0
Wireless Communication*	3G/4G* Wi-Fi*	Supported Internal Wi-F
GPS*	Internal Standard GPS*	Internal GPS
G-Sensor	Internal G-Sensor	Support 6 axi harsh breakir
Software	PC Playback IVMS	A/V, GPS, Ma playback is a Wireless (req
Software Upgrade	Local or Remotely	Upgrade thro
Voltage Input	+8~+36V	$8{\sim}36$ VDC the MDVR ar
Voltage Output	12V	12V (+/-0.2V
ACC Detection	≤4V ≥6V	Power-off Power-on
Video Input Resistance	75Ω 2\/p.p.	75Ω 2VP-P CVBS
Video Output Voltage	2Vp-p <1V >5V	Low voltage t High voltage
Operational Temperature	-25°C ~ 75°C	Install in well
Dimensions	170x142x50mm	Including Sec
Differiolorio		including Sec

JS2AN-HD



Order Model	JS2AN-HD-GNN	JS2AN-HD-GNW	JS2AN-HD-GFN	JS2AN-HD-GFW
Description	GPS	GPS Wi-Fi 5.8G	GPS 4G	GPS 4G Wi-Fi 5.8G

*Images and specs may vary from products, please contact our sales for updated information.

ninese Iser Interface (OSD menu) dministrator & User etection, Eyes Closing Detection, Smoking Detection one Calls Detection, Distraction Detection, Driver Absence Detection ocked Detection, Eyes Blocked Detection ture Warning , Safe Distance Warning Ilision Warning , Pedestrian Collision Warning Detection pport 2 channels 1080P AHD (DSM & ADAS) + 2 channels 1080P AHD / 960P P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input channels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC 0P) Video input Note: User need Wi-Fi module to calibrate DSM& ADAS (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port) real Parle for the second base real Parle of 24 pin 10 Port) re, 1~5 pictures ; (PAL@100 frame 1080P/sec; NTSC@120 frame 1080P/sec 4 Main profile (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port) ed A/V recording D1 / 960H / 720P /1080Poptional 10 Industry Standard bps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest) Slots, Up to 512GB each, Class 10 or higher Select Trigger for either less than 1VDC or greater than 5VDC 12V output TZ control or Data Device usage Journal of the body state of the bo Fi 802.11 b/g/n/ac optional S module. Real-time geographic coordinates, speed information xis Gyroscope (G-Sensor), support crash detection, and other detection like king, acceleration and cornering Apview, Speed, G-Sensor, etc. files available for playback on PC. Limited also available on MDVR equire Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc. rough SD card or remotely via IVMS platform Please check operational voltage of vehicle prior to the installation of and its accessories to prevent possible damage 2V), Max 3A S output analog signal, screen input requires 75Ω resistance e trigger e trigger Il ventilated area, protected from moisture, heat, dust and vibration ecurity Cover 170x142x50mm JS2AN-HD

JS1A

Support H.265 / H.264 Single SD Card 4+1 CH 1080P Moblie DVR

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Up to 5 channels A/V recording, 4 x 1080P AHD + 1 x 1080P IPC Single SD card storage, up to 512GB 8V~36V wide voltage power supply Built-in an integrated 3-axis G-SENSOR + 3-axis gyroscope (a total of 6 axes) to detect and trigger the alarm of rapid acceleration, harsh braking, crash and sharp cornering Built-in GPS, with optional either 4G or Wi-Fi

ALM PWE

Specification

System	Language Operation Interface Password Security	English / Chin Graphical Use 2 Levels: Adm
	Video Input	Support 4 cha Video input Note: (4x1 (4x1
Video	Video Output	1 Channels (F
	Video Display	Single picture
	Signal System	PAL / NTSC (
	Image Compression	H.265/H.264 I
	Audio Input	4 Channels
Audio	Audio Output	1 Channels (I
	Record Format	Synchronized
	Image Resolution	CIF / HD1 / D
	Video Coding	ISO14496-10
Recording & Storage	Video Bit Rate	CIF: 1536Kbp 9960H: 2048k Select from 8
	Audio Bit Rate	128Kbps
	Storage	1 SD Card Slo
Alarm	Alarm Input Alarm Output RS232	4 Channels, S 1 Chaannel, 1 1 Port for con
Communication Ports	RJ45 Network	1 Port of RJ45
	USB	1 Port for USE
	3G/4G*	Supported (Cl
Wireless Communication*		Internal Wi-Fi
GPS*	Wi-Fi* Internal Standard GPS*	Internal GPS
GP5	Internal Standard GPS	
G-Sensor*	Internal G-Sensor *	Support 6 axis harsh breakir
Software	PC Playback	A/V, GPS, Ma playback is al
	IVMS	Wireless (requ
Software Upgrade	Local or Remotely	Upgrade throu
Voltage Input	+8~+36V	8~36VDC
Voltage Output	12V	the MDVR and 12V (+/-0.2V
ACC Detection	<8.5V	Power-off
Video Input Resistance	>9V 75Ω	Power-on 75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS
I / O Port	<1V >5V	Low voltage to High voltage t
Operational Temperature	-25°C ~ 75°C	Install in well
Dimensions	136*119.2*35.6mm	with mounting

JS1A



Order Model	JS1A-GNN	
Description	GPS	

*Images and specs may vary from products, please contact our sales for updated information.

	erface(OSD menu) ator & User		
annels	1080P AHD / 960P AHD / 720P A	HD / 960H + 1 channel IPC (720P /1080P	')
) 4-CH 1080P AHD + 1-CH 720P/1) 4-CH 1080P AHD camera Video i		
Rear F	Panel on 12 pin I/O&AV-OUT Port)		
e, 1~5	pictures		
	@100 frame 720P/sec; NTSC@120	frame 720P/sec)	
Main	profile		
_			
	Panel on 12 pin I/O&AV-OUT Port) recording	1	
01/96	0H / 720P/1080P optional		
) Indus	stry Standard		
Kbps -	28Kbps,HD1/D1: 2048Kbps ~ 400K ~ 400Kbps,720P:4096Kbps ~ 400K s of Video Image Quality ranging fr	bps,1080P:4096Kbps ~ 400Kbps	
ot Un	to 256CP. Close 10 or higher		
· ·	to 256GB , Class 10 or higher	r graater then 5\/DC	
12V oi	1	r greater than SVDC	
	ication or data usage		
		an IP camera with maximun of 1080P	
	download video files & upgrade fin	mware	
hoose	e either 4G or WIFI)		
i 802.1	11b/g/n optional (Choose either 4G	or WIFI)	
modu	le. Real-time geographic coordinate	es, speed information	
	oscope (G-Sensor), support crash o celeration and cornering	detection, and other detection like	
	v, Speed, G-Sensor, etc. files availa ailable on MDVR	ble for playback on PC. Limited	
uires	Wi-Fi or cellular Option) real-time A	/V monitoring, GPS, alarms, etc.	
Pleas nd its a	D card or remotely via IVMS platfor se check operational voltage of veh accessories to prevent possible dar Max 3A	icle prior to the installation of	
, n	Max JA		
outpu trigger trigge		res 75Ω resistance	
	' ated area, protected from moisture,	heat, dust and vibration	
	kets 160*119.2*35.6mm		
		JS1A	
	40-771	the second second second	
		00000	
	POMER R145 POKAHOUT CA	IN CANA CAUS CAMA	
	JS1A-GNW	JS1A-GFN	
	GPS	GPS	

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Taxi Surveillance Solution

This powerful touch screen is perfect for taxi surveillance and fleet management. It's running on Android system, including lots of functions such as real-time video / recording, GPS tracking, network communication, on-board navigation, ADAS/DSM analysis, Face recognition, message notification, telephone, order list, payment record, etc. It is able to integrate with other accessories such as fare meter, LED advertisement panel, POS machine, driver panic button, service evaluator, Status LED displayer, speaker for extended functions.

Specification

Device	Operation System Cores CPU Frequency GPU RAM Capacity ROM Capacity Storage Slot Battery	Android 7.1 8 Core ARM 2.0G Adreno 506 2GB 16GB 1 SD Card s Optional, su
Display	Size Screen Resolution Contrast Brightness	7 inch Touch Scree 800×480 500 450cd/m ²
Video	Video Input	Regular car A. Support 2 B. Support 2 With AI activ A. Support B. Support Note * ADA3 * DMS cam
Communication Ports	USB Alarm input Alarm output Output power Speed pulse RS232 RS485 Speaker/MIC	1 port 4 Channels 2 Channels 3A@12V D0 1 channel 3 channels 1 channel Internal one
Network	3G/4G Bluetooth Internal WIFI	(WCDMA/L Supports BI Supports W
GPS	Internal GPS	Internal GPS 6 axis Gyros
G-Sensor	Internal G-Sensor	harsh break
RFID card reader	Internal RFID card reader	Supports No
Power	Power Consumption Voltage Input	7W DC 9~36V
Operation Temperature	-25°C ~75°C	Install in we and vibratio
Dimension	228*109*36mm (W x H x L)	



.1 RM Cortex-A7 Processor	
06	
d slot, up to 256 GB support external battery	
reen	
amera connection: t 2 channels 720P AHD cameras (standard) t 2 channels 720P AHD cams + 2 channels 720P IP cams (customized) ctive safety functionality (customized) : tt 1 ADAS cam + 1 DSM cam + 1 channel 720P AHD cam tt 1 ADAS cam + 1 DSM cam + 2 channels 720P AHD camsvia a switch IAS cam (Alerts with video footage) m (Alerts without video footage)	
ls ls DC s	
ne speaker and one MIC /LTE/FDD/TDD) optional internal module Bluetooth headset / OBD Wi-Fi hotspot	
PS module (Real-time geographic coordinates, speed info) roscope (G-Sensor), support crash detection, and other detection like aking, acceleration and cornerin	
Non-contact IC Cards	
/ vell ventilated area, protected from moisture, heat, dust	
ion	

JK1C 1080P Smart Touch-Screen Monitor

	10.1 inch Android Touch Screen, resolution 1024*600	0	
	Storage with a TF card slot (up to 256GB), used to sto		
	music, offline maps, and for device maintenance and		
	RJ45 port *1, used for connection with MDVR, to shar network of MDVR	re the	
	Support Bluetooth phone, with a built-in speaker and a	a microphone	
	Support Wi-Fi hotspots		
	With 6 physical buttons: Power/Sleep; Menu/Return; I	Navigation	
	Video; Volume up; Volume down.		
		HERE SHE	
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		2-005 0259	

Product introduction

The 10.1 inch Android Touch Screen is used for interaction with the Mobile-DVR (MDVR). It supports AHD input, map navigation, vehicle status information display, Bluetooth phone, multimedia player, and other functions. It's suitable for different vehicles, such as trucks, vans, etc.

Spacificatio

Specific	ation	
	Operation System	Android 10.0
	CPU	Quad-core Cortex™-A53
Device	GPU	GL31MP2
	RAM	2GB
	ROM	16GB
	Storage	1* TF card (up to 256GB)
	Battery	Optional, support external battery
	Size	10.1 inch
Display	Screen	Touch Screen
	Resolution	1024*600
	USB	1 (Mini USB), used for debugging, OTG
	RJ45	1
	Serial communication & A/V input 8PIN Aviation	8PIN Aviation connector, support 1 channel AHD input
Interface	Audio Input	Built-in 1 channel MIC input
	Audio Input Built-in 1 channel MiC Input Audio Output Built-in 1 channel speaker output	Built-in 1 channel speaker output
	Video Output	Built-in 1 channel touch screen output
	WIFI	Support Wi-Fi hotspots
	Bluetooth	Support Bluetooth phone
	Power Consumption	3W
Operation Enviroment	Voltage Input	DC12V (power by MDVR)
	Operational temperature / humidity	-25 °C ~75 °C / 20~90% RH
Size	Dimensions	257*168*65 mm
OIZE	weight	0.96 KG





10.36 inch HD touch screen, resolution 1600*720
Storage with a TF card slot, up to 512GB
Support GPS ,4G, WI-FI (optional)
Support 5-CH 1080P AHD preview on screen
Support 4-CH 720P AHD video recording files, or 2-CH 1080P AHD video recording fil
Support DSM and ADAS, with voice warning and flashing icon prompts
alert of R-watch function on screen
Fast display of backup camera without the system start-up completely
Local footage playback
Support Bluetooth
Support F.M Radio, to use the vehicle audio system
Support U-disk for multimedia playback (music, videos, pictures)
Support 360 panoramic cameras (customized)
Support navigation and route planning APPs (customized)
Support other assistant Apps (customized)
Support to work with MDVR (customized)

Product introduction

This 10.36 inch vehicle smart monitor is an Android touch screen that can work with the vehicle MDVR, and support the maximum 5 channels of AHD cameras display on screen. It can realize map navigation, vehicle status information display, camera video display, driver driving record, Bluetooth phone, mobile screen mirroring, multimedia player, FM launch, assistant APPs and other functions. It's suitable for different vehicles, such as trucks, vans, etc.

Specification

Description with (40					
Order Model JH12A	-GFN JH12A-GFW				
	Operating humidity	15% - 95%			
Environment	Storage temperature	-40°C ~+80°C			
	Operating temperature	-25°C~+75°C			
Dimension/ weight	Weight	0.8KG			
	Dimensions	271x133.7x			
Power	Voltage Input	DC 9-36V			
	GPS	Support			
	RS232 2*RS conn				
Ports		connect the 1*USB (Type			
		2*RS232, or			
	Bluetooth	Support			
Network	4G	Support Support			
	WIFI				
	Network	Support to u			
Audio Output	F.M Radio	Support F.M			
	Speaker	Internal spe			
Audio input	MIC	Built -in dua			
Video	Video input	Support 4-C			
	Scieen	Default supp			
	Resolution Screen	1600*720 Touch Scree			
Display	Screen ratio	16:7			
	Resolution	500 cd/m2			
	Size	10.36 inch			
Storage	Storage Slot	1 TF Card sl			
	ROM Capacity	16GB			
	RAM Capacity	2GB			
System	CPU frequency	1.5GHz			
	GPU	Mali G31 MF			
	CPU Frequency	Quad-core C			
	Operation System	Android 10.0			

les

*Images and specs may vary from products, please contact our sa

Cortex™-A53
2
ot, up to 512G
n
ort 1-CH 720P AHD camera and 1-CH MDVR video input H 720P AHD video recording files, or 2-CH 1080P AHD video recording files.
aker 2W8Ω
Radio, to use the vehicle audio system
se the shared network from the MDVR via the RJ45
e is used to interact with MDVR, and the other is used to peripherals.
e-C)
port vehicle reversing signal collection
33.5mm
ales for updated information.

Fireproof & Waterproof Data Box





Connects to MDVR, withstand a fire burning at 1100°C for 15 minutes and water under 100 meters. Data could be recorded safely in the fire or flood for vehicle crashes.

Customized MDVR with Built-in Fireproof Data Box





Fireproof Data Box Storage Optional: 32GB / 64GB / 128GB

Data to be recorded safely in the fire or flood.



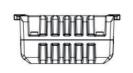
Features

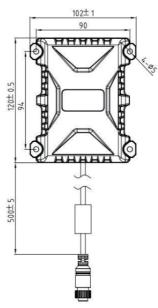
- Fireproof (up to 1100[°]C) and Waterproof (under 100 meters)
- Reliable industrial grade EMMC memory core
- With high speed 4PIN USB port (M12-5PIN optional)
- To connect with PC, DVR
- Data integrity after accident or disaster

Specification

Power	Input:5V±5%
Interface	4PIN USB (M12-5PIN optional)
Capacity	32G / 64G / 128G optional
Refractoriness	1100 ${\mathbb C}$ for 15min test
	260 C for 120min test
Waterproof	100 meters under water 10 ATM pressure
Static Extrusion Force	10kN 5min (all axes)
Dimensions	120x102x47mm
Weight	0.75kg

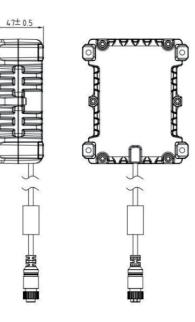
Dimensions





49

ler 100 meters) e optional)



DSM

(Driver Status Monitoring)

JA-MC938

ADAS

(Advanced Driver-Assistance Systems)

Eyes Closing

Î

JA-MC921



Camera Blocked



Smoking

Making Phone Calls

 $\boldsymbol{\measuredangle}$ Yawning



Driver Absence

AND MORE ...

Safe Distance Warning





Forward Collision Warning Pedestrian Collision Warning







52





Front Blind Spot Right Front Blind Spot Left Front Blind Spot

Rear Blind Spot Right Rear Blind Spot Left Rear Blind Spot



Off The Steering Wheel



JA-MC818 EXCLUSIVE DESIGN









00 120

 \star 2.8/3.6mm lens optional ★ Support D-WDR ★ It fits any angle of windshield for any type of vehicle

★ Anti-glare

JA-MC910





★ Wide angle 130°view (2.1mm lens) ★ IR LED \oplus 8*10pcs, infrared range up to 5 meters

★ With Audio

★ 960P/1080P AHD





JA-MC910 EXCLUSIVE DESIGN



VS

Other Camera













- ★ 960P / 1080P AHD
- ★ Support D-WDR
- \star Laser lights with IR range up to 20 meters
- \star Side camera with 2.8 mm lens for angle 92°
- \star Rearview back-up camera with 2.1 mm lens for angle 120°
- ★ Waterproof IP67, double-layer of aluminum alloy designed for double insulation





* 960P/1080P AHD

- ★ Support D-WDR
- \star Laser lights with IR range up to 20 meters
- \star With 2.1 mm lens for angle 120°







IP Vehicle Camera



JI-MC019

★1920*1080 25 / 30FPS ★ 3.6mm lens optional with IR ★ High-resolution(2.0 Mega pixel) ★ Waterproof IP67 ★ Support 12V POE power supply (802.3af)



JI-SP225

★1920*1080,25 / 30FPS ★2.8mm lens optional ★Mini Camera ★High-resolution(2.0 Mega pixel) ★ Support 12V POE power supply (802.3af)



JI-MC609

*1920*1080, 25 / 30FPS +2.8/3.6mm lens optional High-resolution(2.0 Mega pixel) ★ Support IR function, infrared rang up to 10m ★Audio fuction optional ★ Support 12V POE power supply(802.3af)

J-MC510 *1920*1080, 25 / 30FPS ★2.8/3.6mm lens optional

★ High-resolution(2.0 Mega pixel) ★ Support IR function, infrared rang up to 10m ★ Audio fuction optional ★ Waterproof IP67 optional ★Support 12V POE power supply(802.3af)



Temperature Sensor

Uses a remotely mounted temperature sensor to monitor the lemperature levels in refrigerator trucks and other temperature sensitive areas within a vehicle.

AHD Vehicle Camera



JA-612B

*960P/1080P AHD

★Size: ø 59 x 52 mm

★2.8/3.6mm lens optional

★Support IR function, LED range 10m



JA-MC225

★2.8 / 3.6 mm lens optional ★Mini Camera ★Size: 49.5 x 47.5mm





★960P/1080P AHD

+ IP67

±2.8/3.6mm lens optional

JA-MC019

- ★ 960P/1080P AHD + 2.8/3.6mm lens optional ★ Waterproof IP67
- ★ Support IR function, LED range 30m ★ Size: 75 x 95 x 56mm



JA-MC921/938(DSM)

- ★ 1080P AHD ★ 10PIN Aircraft Round Connector
- ★ PAL / NTSC
- ★ IR LED 3535*2 pcs,
- ★ Support DC 12V±5%
 ★ Support Audio& Speaker
 ★ Size:80*86.5*37.5mm

★Audio optional ★Support IR function, LED range 10-15m ★Size: ø 68.8 x 59.2 mm

JA-MC510

JA-MC804(BSD)

★ 1080P AHD camera ★ FH8536H + GC2053 ★ 2.1 mm lens ★ Support 12V DC ±10% ★ Easy side installation ★ Low power consumption ★ Size : 52*55*33mm



JA-MC922(BSD) ★ 1080P AHD camera
 ★ 1080P AHD camera
 ★ FH8550 + 1/2.8"CMOS IMX307
 ★ In fraredLED range25m
 ★ Support 12V DC ±10%
 ★ must workwith the MDVR with such algorithm
 ★ IP67 ★ Support Side installation (6mm)



JA-MC018

+960P/1080P AHD ★ 2.8/3.6mm lens optional ★ Waterproof IP67 ★ Support IR function, LED range 10m ★ Size: 79 × 65 × 38mm

+ 2.8/3.6mm lens ★ Support IR function, infrared range up to 10m

JA-MC609

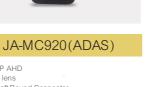
🛧 Audio optional ★ Size: ø94 x 76 mm



★960P/1080P AHD ★ Dual lens, with panic button ★2.8mm & 2.1mm (wide angle 130°) ★ 4pcs Laser IR LED, infrared range 5M ★Size:96x75x48mm



★ 5PIN Around aviation connector Trigger continuous frequency alarm sound and voice announcement orothervoice





Audible and Visual Alarm

Passenger Counter

Passenger counting technology for public vehicles Designed for accurately counting individuals entering or leaving public transport vehicles 1-3 Doors supported

RFID Reader

Allows the non-contact reading of industry standard RFID Card such as those used in by passengers and drivers of busses,taxis,etc.

Press to Talk



Allows spoken communication between the driver and the Control Center.Communication may be initiated from either Driver or the Comm Center.

Uninterrupted Power Supply (UPS) Supports MDVR system contine to work after ACC-off.

*Images and specs may vary from products, please contact our sales for updated information.





JA-MC900













Accessory

Driver Panic Button

To trigger the alarm in emergency



SOFTWARE

IVMS Cluster Server System is consist of login server, streaming server, user server, WiFi automaticdownload server, storage Server and data server, to provide a higher level of availability, reliability, and scalability, It is designed for vehicle surveillance application that has long-running in-memory state and frequently updated data. It ensures that users have constant access to important server-based resources.

ICARVISIONS Software Collection



The mobile client iCar View, this powerful APP includes real-time cideo, GPS tracking, vehicle movement history playback, speedinformation, specific video search and playback, snapshot and other functions to monitoryour vehicles



Server Cluster





Ś	GPS Tracking
	Vehicle Movement History Playback
$\widehat{}$	Speed Information
D	Specific Video Search and Playback
0	Snapshot
	PTZ Control
ć	Available on the Get it on

The real time mcnitoring via phone, you can achieve following features in both Android&ic

SOFTWARE

SOFTWARE

PC Client







Web Client

Visualized Page Designed For Specific Vehicle Proje

Intelligent				0			-		dil.	-	2	
Cverview		Select Time 2021-06		none 👻	Search V	lev Deno						
Tutton Daving			Belected Month						2121-05			
			Company						Erite gene			
Diser Attendance	*		Total ADAB Asam									
E ADAS Report			Total C-Stat.Hann						549			
			Total Alarma						549			
CBM Report			Total Vehicles						152(unit)			
😸 Atam Lakape	8	Forward Califols Line Departure Cree Folgonia (Lancer Présention Califore Présention Califore Présention Califore Présention Califore Présention Califore Présention Califore Teatre Califore Califore	ADAS				overlan Driving en Almannally vala Off Steering Nation Detection sometic Encycle en Overgeel nic Trace en Eges y Mobile Proces	r y Bred stalve at	DSM			

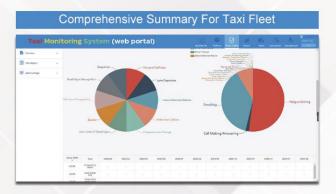


Our unique and experienced approach to video telematics and IoT is helping us tackle some of the most complex challenges faced by the fleet, transport, and insurance sectors. Our cloud-based solutions are underpinned by customized platform based on customer's Vehicle and project requirements.

In ICAR, we offer all-in-one professional Client software on various platforms from Windows to Web Browser. And those portals can allow the customer to interact with your fleet remotely including GPS tracking, video streaming, vehicle status, alarm management and more. The exact functionality of the Client portal can vary widely between customer and project requirements.



Taxi



Construction Truck

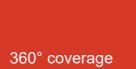


















China HGVs Vehicles > 140,000 units



Blind-spot Detection















TAXI





United Arab Emirates













Integrated with taxi ride-hailing service application











Support public transport card payment















Fleet Scheduling Driver Verification Taximeter Report









Payment Options Taxi Ride-hailing Service Message & Notice









SHAN DONG PROVINCE Coach & Dangerous Chemical Vehicle > 20,000 units

















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JIANG SU PROVINCE Coach & Dangerous Chemical Vehicle > 15,000 units

1

Support ADAS + DSM system





Detect Driver for Drowsiness, Smoking, Making Phone Calls, Distraction, etc.



ONE BELT, ONE ROAD

The Silk Road Economic Belt The 21st-century Maritime Silk Road



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China Kyrgyzstan Uzbekistan Vietnam









The Belt and Road Project International Road Transport

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